#### Raw Sequence Listing

#3

12:24:22

#### Patent Application US/07/946,236

SEQUENCE LISTING 1 2 3 (1) GENERAL INFORMATION: 6 (i) APPLICANT: Jacobs, Cindy A. 7 Smith, Craig A. 8 (ii) TITLE OF INVENTION: Method of Treating TNF-Dependent 9 10 Inflammation Using Tumor Necrosis Factor Antagonists 11 12 (iii) NUMBER OF SEQUENCES: 5 13 14 (iv) CORRESPONDENCE ADDRESS: (A) ADDRESSEE: Immunex Corporation 15 (B) STREET: 51 University Street 16 (C) CITY: Seattle 17 (D) STATE: Washington 18 (E) COUNTRY: U.S.A. 19 (F) ZIP: 98101 20 21 22 (v) COMPUTER READABLE FORM: 23 (A) MEDIUM TYPE: Floppy disk (B) COMPUTER: IBM PC compatible 24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 26 27 28 (vi) CURRENT APPLICATION DATA: (A) APPLICATION NUMBER: 29 (B) FILING DATE: 30 31 (C) CLASSIFICATION: 32 33 (viii) ATTORNEY/AGENT INFORMATION: (A) NAME: Wight, Christopher L.(B) REGISTRATION NUMBER: 31,680 34 35 (C) REFERENCE/DOCKET NUMBER: 2503 36 37 (ix) TELECOMMUNICATION INFORMATION: 38 39 (A) TELEPHONE: (206) 587-0430 (B) TELEFAX: (206) 587-0606 40 41 42 43 (2) INFORMATION FOR SEQ ID NO:1: 44 45 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 1641 base pairs 46 (B) TYPE: nucleic acid 47 (C) STRANDEDNESS: single 48 (D) TOPOLOGY: linear 49 50 (ii) MOLECULE TYPE: cDNA 51 52 (iii) HYPOTHETICAL: NO 53

### Raw Sequence Listing

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54 55		(iv)	AN	rı-sı	ENSE	NO.												
56 57 58 59 60 61		(vi)	(2	IGINA A) OI G) CI H) CI	RGANI ELL I	ISM: TYPE:	Homo	orob.	last	5								
62 63 64 65	(	(vii)	(2	MEDIA A) LI B) CI	BRAI	RY: V	VI-26		1									
66 67 68 69		(ix)	(2	ATURI A) NA B) LO	ME/I			. 1473	3									
70 71 72 73		(ix)	(2	ATURI A) NA B) LO	ME/I													
74 75 76 77		(ix)	(2	ATURI A) NA B) LO	AME/I				tide									
78 79		(xi)	SE	QUENC	CE DI	ESCR	[PTIC	on: s	SEQ :	ID NO	0:1:							
80 81	GCG	AGGC	AGG (	CAGC	CTGG	AG AG	GAAG	GCGC	r gg	GCTG	CGAG	GGC	GCGA	GGG (	CGCG	AGGGC	A	6
82 83 84 85	GGG	GGCA <i>l</i>	ACC (	GGAC	CCGG	cc co	GCAT(	Me	rg go et Al 22	la Pı					rp Ai			11
86 87 88 89 90		CTG Leu																15
91 92 93 94		CAG Gln																20
95 96 97 98		CTC Leu 20																25
99 100 101 102		TCG Ser																30
102 103 104 105 106		GTG Val																35

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107 108 109 110															GAC Asp		39
111 112 113 114															ACC Thr		44
115 116 117 118															CGG Arg		49
119 120 121 122															AGA Arg		54
123 124 125 126															GGG Gly 145		59
127 128 129 130															CAG Gln		63
131 132 133 134															GTC Val		68
135 136 137 138															CAC His		73
139 140 141 142															CCA Pro		78
143 144 145 146															CCC Pro 225		83
147 148 149 150															GGA Gly		87
151 152 153 154															GTG Val		92
155 156 157 158															CAG Gln		97
159	GAA	GCC	AAG	GTG	CCT	CAC	TTG	CCT	GCC	GAT	AAG	GCC	CGG	GGT	ACA	CAG	102

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162 163 164 165 166															AGC Ser 305		107
167 168 169															CCC Pro		111
170 171 172 173															GGG Gly		116
174 175 176 177															CAT His		121
178 179 180 181															TCT Ser		126
182 183 184 185															GAC Asp 385		131
186 187 188 189															TTC Phe		135
190 191 192 193															ACC Thr		140
194 195 196 197															GAT Asp		145
198 199 200 201			AAG Lys			TAA0	CCAG	GCC (	GTG'	rggg(	CT GT	rgtc(	GTAG(	C CA	AGGT(	GGC	151
202	TGA	GCCC!	rgg (	CAGG	ATGA	cc c	rgcgi	AAGG	G GC	CCTG	STCC	TTC	CAGG	ccc (	CCAC	CACTAG	157
204 205	GAC	rc <b>t</b> g/	AGG (	CTCT	TTCT	GG G	CCAA	GTTC	C TC	CAGTO	GCCC	TCC	ACAG	CCG (	CAGC	CTCCCT	163
206 207 208 209	CTG	ACCT	GCA (	3													164
210 211	(2)	INF	ORMA!	rion	FOR	SEQ	ID I	NO:2	:								
212	′		(i) :	SEQUI	ENCE	CHAI	RACT	ERIS!	rics	:							

### Raw Sequence Listing

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213 214 215 216				(A) (B) (D)	TYI	PE: 8	amino	l ami o aci linea	id	acids	5					
217 218		(:	ii) N	OLE	CULE	TYPI	E: pi	rote	in							
219		()	ki) S	SEQUI	ENCE	DESC	CRIP	CION	SEÇ	Q ID	NO:2	2:				
220 221 222 223	Met -22	Ala	Pro -20	Val	Ala	Val	Trp	Ala -15	Ala	Leu	Ala	Val	Gly -10	Leu	Glu	Leu
224 225 226	Trp	Ala -5	Ala	Ala	His	Ala	Leu 1	Pro	Ala	Gln	Val 5	Ala	Phe	Thr	Pro	Tyr 10
227 228 229	Ala	Pro	Glu	Pro	Gly 15	Ser	Thr	Cys	Arg	Leu 20	Arg	Glu	Tyr	Tyr	Asp 25	Gln
230 231 232	Thr	Ala	Gln	Met 30	Cys	Cys	Ser	Lys	Cys 35	Ser	Pro	Gly	Gln	His 40	Ala	Lys
233 234 235	Val	Phe	Cys 45	Thr	Lys	Thr	Ser	Asp 50	Thr	Val	Cys	Asp	Ser 55	Cys	Glu	Asp
236 237 238	Ser	Thr 60	Tyr	Thr	Gln	Leu	Trp 65	Asn	Trp	Val	Pro	Glu 70	Cys	Leu	Ser	Cys
239 240 241	Gly 75	Ser	Arg	Cys	Ser	Ser 80	Asp	Gln	Val	Glu	Thr 85	Gln	Ala	Cys	Thr	Arg 90
242 243 244	Glu	Gln	Asn	Arg	Ile 95	Cys	Thr	Cys	Arg	Pro 100	Gly	Trp	Tyr	Cys	Ala 105	Leu
245 246 247	Ser	Lys	Gln	Glu 110	Gly	Cys	Arg	Leu	<b>Cys</b> 115	Ala	Pro	Leu	Arg	Lys 120	Cys	Arg
248 249 250	Pro	Gly	Phe 125	Gly	Val	Ala	Arg	Pro 130	Gly	Thr	Glu	Thr	Ser 135	Asp	Val	Val
251 252 253	Cys	Lys 140	Pro	Cys	Ala	Pro	Gly 145	Thr	Phe	Ser	Asn	Thr 150	Thr	Ser	Ser	Thr
254 255 256	Asp 155	Ile	Cys	Arg	Pro	His 160	Gln	Ile	Cys	Asn	Val 165	Val	Ala	Ile	Pro	Gly 170
257 258 259	Asn	Ala	Ser	Met	Asp 175	Ala	Val	Суѕ	Thr	Ser 180	Thr	Ser	Pro	Thr	Arg 185	Ser
260 261 262	Met	Ala	Pro	Gly 190	Ala	Val	His	Leu	Pro 195	Gln	Pro	Val	Ser	Thr 200	Arg	Ser
263 264 265	Gln	His	Thr 205	Gln	Pro	Thr	Pro	Glu 210	Pro	Ser	Thr	Ala	Pro 215	Ser	Thr	Ser

318

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269 270 271	Asp 235	Phe	Ala	Leu	Pro	Val 240	Gly	Leu	Ile	Val	Gly 245	Val	Thr	Ala	Leu	Gly 250
272 273 274	Leu	Leu	Ile	Ile	Gly 255	Val	Val	Asn	Cys	Val 260	Ile	Met	Thr	Gln	Val 265	Lys
275 276 277	Lys	Lys	Pro	Leu 270	Cys	Leu	Gln	Arg	Glu 275	Ala	Lys	Val	Pro	His 280	Leu	Pro
278 279 280	Ala	Asp	Lys 285	Ala	Arg	Gly	Thr	Gln 290	Gly	Pro	Glu	Gln	Gln 295	His	Leu	Leu
281 282 283	Ile	Thr 300	Ala	Pro	Ser	Ser	Ser 305	Ser	Ser	Ser	Leu	Glu 310	Ser	Ser	Ala	Ser
284 285 286	Ala 315	Leu	Asp	Arg	Arg	Ala 320	Pro	Thr	Arg	Asn	Gln 325	Pro	Gln	Ala	Pro	Gly 330
287 288 289	Val	Glu	Ala	Ser	Gly 335	Ala	Gly	Glu	Ala	Arg 340	Ala	Ser	Thr	Gly	Ser 345	Ser
290 291 292	Asp	Ser	Ser	Pro 350	Gly	Gly	His	Gly	Thr 355	Gln	Val	Asn	Val	Thr 360	Cys	Ile
293 294 295	Val	Asn	Val 365	Cys	Ser	Ser	Ser	Asp 370	His	Ser	Ser	Gln	Cys 375	Ser	Ser	Gln
296 297 298	Ala	Ser 380	Ser	Thr	Met	Gly	Asp 385	Thr	Asp	Ser	Ser	Pro 390	Ser	Glu	Ser	Pro
299 300 301	Lys 395	Asp	Glu	Gln	Val	Pro 400	Phe	Ser	Lys	Glu	Glu 405	Cys	Ala	Phe	Arg	Ser 410
302 303 304	Gln	Leu	Glu	Thr	Pro 415	Glu	Thr	Leu	Leu	Gly 420	Ser	Thr	Glu	Glu	Lys 425	Pro
305 306 307	Leu	Pro	Leu	Gly 430	Val	Pro	Asp	Ala	Gly 435	Met	Lys	Pro	Ser			
308 309 310	(2)	INF	ORMA	rion	FOR	SEQ	ID 1	NO:3	:							
311 312 313 314 315		(i)	(1 (1 (0	A) L1 3) TY C) SY	ENGTI YPE: TRANI	HARAGH: 15 nucl DEDNI DGY:	557 ] leic ESS:	base acio sino	pai: d	cs						
316 317		(ii)	) MO	LECUI	LE T	YPE:	CDN	A								

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319		(iii)	HYI	POTHI	ETIC	AL: 1	OV										
320																	
321		(iv)	AN'	ri-si	ENSE	: NO											
322																	
323																	
324	(	(vii)	IMI	MEDIA	ATE S	SOUR	CE:										
325			(1	3) CI	LONE	: TNI	FR/F	c Fus	sion	Prot	cein						
326																	
327		(ix)	) FE	ATURI	E:												
328			(2	A) NA	AME/I	KEY:	CDS										
329			(1	3) L(	CAT:	ION:	1	1557									
330																	
331		(ix)		ATURI													
332						KEY:			tide								
333			(1	3) L(	CAT:	ION:	1	1554									
334																	
335																	
336		(xi)	SE	QUENC	CE DI	ESCR:	IPTI	ON: S	SEQ :	ID NO	0:3:						
337																	
338	GCG	AGG	CAG	GCA	GCC	TGG	AGA	GAA	GGC	GCT	GGG	CTG	CGA	GGG	CGC	GAG	4
339	Ala	Arg	Gln	Ala	Ala	Trp	Arg	Glu	Gly	Ala	Gly	Leu	Arg	Gly	Arg	Glu	
340	1				5					10					15		
341																	
342		GCG															9
343	Gly	Ala	Arg		Gly	Gly	Asn	Arg		Pro	Pro	Ala	Ser	Met	Ala	Pro	
344				20					25					30			
345																	
346		GCC															14
347	Val	Ala		Trp	Ala	Ala	Leu	Ala	Val	Gly	Leu	Glu	Leu	Trp	Ala	Ala	
348			35					40					45				
349																	
350		CAC															19
351	Ala	His	Ala	Leu	Pro	Ala		Val	Ala	Phe	Thr	Pro	Tyr	Ala	Pro	Glu	
352		50					55					60					
353																	
354		GGG															24
355		Gly	Ser	Thr	Cys		Leu	Arg	Glu	Tyr		Asp	Gln	Thr	Ala		
356	65					70					75					80	
357																	
358		TGC															28
359	Met	Cys	Cys	Ser	_	Cys	Ser	Pro	Gly		His	Ala	Lys	Val		Cys	
360					85					90					95		
361																	
362		AAG															33
363	Thr	Lys	Thr		Asp	Thr	Val	Cys	Asp	Ser	Cys	Glu	Asp	Ser	Thr	Tyr	
364				100					105					110			
365																	
366		CAG															38
367	Thr	Gln		Trp	Asn	Trp	Val		Glu	Cys	Leu	Ser	Cys	Gly	Ser	Arg	
368			115					120					125				
369																	
370		AGC															43
371	Cys	Ser	Ser	Asp	Gln	Val	Glu	Thr	Gln	Ala	Cys	Thr	Arg	Glu	Gln	Asn	

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374 375 376 377														AGC Ser				48
378 379 380 381														CCG Pro				52
382 383 384 385														TGC Cys 190				57
386 387 388 389														GAT Asp				62
390 391 392 393														AAT Asn				67
394 395 396 397														ATG Met				72
398 399 400 401														CAA Gln				76
402 403 404 405														TTC Phe 270				81
406 407 408 409														GAC Asp				86
410	AAA Lys	TCT Ser 290	TGT Cys	GAC Asp	AAA Lys	ACT Thr	CAC His 295	ACA Thr	TGC Cys	CCA Pro	CCG Pro	TGC Cys 300	CCA Pro	GCA Ala	CCT Pro	GAA Glu		91
414 415 416 417														CCC Pro				96
418 419 420 421	ACC Thr	CTC Leu	ATG Met	ATC Ile	TCC Ser 325	CGG Arg	ACC Thr	CCT Pro	GAG Glu	GTC Val 330	ACA Thr	TGC Cys	GTG Val	GTG Val	GTG Val 335	GAC Asp	1	L00
422 423 424														GTG Val 350			1	L05

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425		~3.4		~ · ·													
426														CAG			110
427	vaı	GIU		HIS	Asn	Ala	гÃг		гÃг	Pro	Arg	GIU		Gln	Tyr	Asn	
428			355					360					365				
429	700	3.00	ma c	CCC	CMC	CMC	700	CITIC	CITIC	3.00	CITIC	CITIC	030	CAG	CAC	maa	115
430																	115
431 432	Ser		TAL	Arg	vai	val		val	ьeu	THE	val		птѕ	Gln	Asp	Trp	
432		370					375					380					
433	CTC	חתג	CCC	እ እ <i>ሮ</i>	CAC	ma c	7 7 C	тсс	7 7 C	CTTC	mcc	7 7 C	אאא	GCC	CTTC	CCA	120
434																	120
436	385	ASII	GIY	nys	wsb	390	пÃр	Cys	пÃг	vaı	395	ASII	пуз	Ala	Leu	400	
437	365					390					393					400	
437	GCC	CCC	ልጥር	CAG	λλλ	ACC	ልጥር	ጥርር	אאא	GCC	אאא	GGG	CAG	CCC	CGA	CAA	124
439														Pro			124
440	AId	FIU	Mec	GIII	405	TIIL	116	Ser	шуз	410	шуз	GIY	GIII	FIO	415	Giu	
441					403					410					413		
442	CCA	CAG	GTG	ТΔС	ACC	ርጥር	CCC	CCA	TCC	CGG	САТ	GAG	СТС	ACC	AAG	ል <mark>ል</mark> ር	129
443														Thr			127
444	110	OIII	Vul	420	1111	LCu	110	110	425	nr 9	ASP	Olu	LCu	430	ב עם	ASII	
445				420					423					430			
446	CAG	GTC	AGC	CTG	ACC	TGC	CTG	GTC	AAA	GGC	ттс	тат	CCC	AGG	CAC	АТС	134
447														Arg			101
448			435			-1-		440	-1-	1		-1-	445	9			
449																	
450	GCC	GTG	GAG	TGG	GAG	AGC	AAT	GGG	CAG	CCG	GAG	AAC	AAC	TAC	AAG	ACC	139
451														Tyr			
452		450		•			455	-				460		•	-		
453																	
454														TAC			144
455	Thr	Pro	Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu	Tyr	Ser	Lys	
456	465					470					475					480	
457																	
458														TTC			148
459	Leu	Thr	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn	Val	Phe	Ser	Cys	
460					485					490					495		
461																	
462														AAG			153
463	Ser	Val	Met	His	Glu	Ala	Leu	His		His	Tyr	Thr	Gln	Lys	Ser	Leu	
464				500					505					510			
465																	
466						AAA	TGA										15
467	Ser	Leu		Pro	Gly	Ĺys											
468			515														
469																	
470	(0)	<b>T</b>	.D.:::	DT 637	TO T	ana	TD .	TO - 1	_								
471	(2)	TNF	JKMA'.	LTON	FOR	SEQ	ו מד	NO:4	•								
472			/ 2 \ /	TEORI	OMO TO	OTTAI		2D T CC	DT OC	_							

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 518 amino acids
    (B) TYPE: amino acid
    (D) TOPOLOGY: linear

### Raw Sequence Listing

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479 480 481		(:	xi) :	SEQUI	ENCE	DESC	CRIP	CION	SE	Q ID	NO:	1:				
482 483	Ala 1	Arg	Gln	Ala	Ala 5	Trp	Arg	Glu	Gly	Ala 10	Gly	Leu	Arg	Gly	Arg 15	Glu
484 485 486	Gly	Ala	Arg	Ala 20	Gly	Gly	Asn	Arg	Thr 25	Pro	Pro	Ala	Ser	Met 30	Ala	Pro
487 488 489 490	Val	Ala	Val 35	Trp	Ala	Ala	Leu	Ala 40	Val	Gly	Leu	Glu	Leu 45	Trp	Ala	Ala
491 492 493	Ala	His 50	Ala	Leu	Pro	Ala	Gln 55	Val	Ala	Phe	Thr	Pro 60	Tyr	Ala	Pro	Glu
494 495 496	Pro 65	Gly	Ser	Thr	Cys	Arg 70	Leu	Arg	Glu	Tyr	Tyr 75	Asp	Gln	Thr	Ala	Gln 80
497 498 499	Met	Cys	Cys	Ser	Lys 85	Cys	Ser	Pro	Gly	Gln 90	His	Ala	Lys	Val	Phe 95	Cys
500 501 502	Thr	Lys	Thr	Ser 100	Asp	Thr	Val	Cys	Asp 105	Ser	Cys	Glu	Asp	Ser 110	Thr	Tyr
503 504 505	Thr	Gln	Leu 115	Trp	Asn	Trp	Val	Pro 120	Glu	Cys	Leu	Ser	Cys 125	Gly	Ser	Arg
506 507	Cys	Ser 130	Ser	Asp	Gln	Val	Glu 135	Thr	Gln	Ala	Cys	Thr 140	Arg	Glu	Gln	Asn
508 509 510 511	Arg 145	Ile	Cys	Thr	Cys	Arg 150	Pro	Gly	Trp	Tyr	Cys 155	Ala	Leu	Ser	Lys	Gln 160
512 513	Glu	Gly	Cys	Arg	Leu 165	Cys	Ala	Pro	Leu	Arg 170	Lys	Cys	Arg	Pro	Gly 175	Phe
514 515 516	Gly	Val	Ala	Arg 180	Pro	Gly	Thr	Glu	Thr 185	Ser	Asp	Val	Val	Cys 190	Lys	Pro
517 518 519	Cys	Ala	Pro 195	Gly	Thr	Phe	Ser	Asn 200	Thr	Thr	Ser	Ser	Thr 205	Asp	Ile	Cys
520 521 522	_	Pro 210	His	Gln	Ile	Cys	Asn 215	Val	Val	Ala	Ile	Pro 220	Gly	Asn	Ala	Ser
523 524 525	Met 225	Asp	Ala	Val	Cys	Thr 230	Ser	Thr	Ser	Pro	Thr 235	Arg	Ser	Met	Ala	Pro 240
526 527 528	Gly	Ala	Val	His	Leu 245	Pro	Gln	Pro	Val	Ser 250	Thr	Arg	Ser	Gln	His 255	Thr
529 530	Gln	Pro	Thr	Pro	Glu	Pro	Ser	Thr	Ala	Pro	Ser	Thr	Ser	Phe	Leu	Leu

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531 532				260					265					270		
533 534 535	Pro	Met	Gly 275	Pro	Ser	Pro	Pro	Ala 280	Glu	Gly	Ser	Thr	Gly 285	Asp	Glu	Pro
536 537 538	Lys	Ser 290	Cys	Asp	Lys	Thr	His 295	Thr	Cys	Pro	Pro	Cys 300	Pro	Ala	Pro	Glu
539 540 541	Leu 305	Leu	Gly	Gly	Pro	Ser 310	Val	Phe	Leu	Phe	Pro 315	Pro	Lys	Pro	Lys	Asp 320
542 543 544	Thr	Leu	Met	Ile	Ser 325	Arg	Thr	Pro	Glu	Val 330	Thr	Cys	Val	Val	Val 335	Asp
545 546 547	Val	Ser	His	Glu 340	Asp	Pro	Glu	Val	Lys 345	Phe	Asn	Trp	Tyr	Val 350	Asp	Gly
548 549 550	Val	Glu	Val 355	His	Asn	Ala	Lys	Thr 360	Lys	Pro	Arg	Glu	Glu 365	Gln	Tyr	Asn
551 552 553	Ser	Thr 370	Tyr	Arg	Val	Val	Ser 375	Val	Leu	Thr	Val	Leu 380	His	Gln	Asp	Trp
554 555 556	Leu 385	Asn	Gly	Lys	Asp	Tyr 390	Lys	Cys	Lys	Val	Ser 395	Asn	Lys	Ala	Leu	Pro 400
557 558 559	Ala	Pro	Met	Gln	Lys 405	Thr	Ile	Ser	Lys	Ala 410	Lys	Gly	Gln	Pro	Arg 415	Glu
560 561 562	Pro	Gln	Val	Tyr 420	Thr	Leu	Pro	Pro	Ser 425	Arg	Asp	Glu	Leu	Thr 430	Lys	Asn
563 564 565	Gln	Val	Ser 435	Leu	Thr	Cys	Leu	Val 440	Lys	Gly	Phe	Tyr	Pro 445	Arg	His	Ile
566 567 568	Ala	Val 450	Glu	Trp	Glu	Ser	Asn 455	Gly	Gln	Pro	Glu	Asn 460	Asn	Tyr	Lys	Thr
569 570 571	Thr 465		Pro	Val	Leu	_		Asp	_	Ser	Phe 475		Leu	Tyr	Ser	Lys 480
572 573 574	Leu	Thr	Val	Asp	Lys 485	Ser	Arg	Trp	Gln	Gln 490	Gly	Asn	Val	Phe	Ser 495	Cys
575 576 577	Ser	Val	Met	His 500	Glu	Ala	Leu	His	Asn 505	His	Tyr	Thr	Gln	Lys 510	Ser	Leu
578 579 580	Ser	Leu	Ser 515	Pro	Gly	Lys										
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Page:	12	Raw Sequence Listing	09/26/92
		Patent Application US/07/946,236	12:25:17

584 585 586 587 588 589	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear
590	(ii)	MOLECULE TYPE: DNA (genomic)
591	` ,	,
592	(iii)	HYPOTHETICAL: NO
593		
594	(iv)	ANTI-SENSE: YES
595		
596		
597	(vii)	IMMEDIATE SOURCE:
598		(B) CLONE: oligonucleotide
599		
600		
601	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:5:
602		
603	CGGTACGT	GC TGTTGTTACT GC

PAGE: 1

SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/07/946,236

DATE: 09/26/92 TIME: 12:25:19

LINE ERROR ORIGINAL TEXT

PAGE: 1

# SEQUENCE MISSING ITEM REPORT PATENT APPLICATION US/07/946,236

DATE: 09/26/92 TIME: 12:25:19

#### MANDATORY IDENTIFIER THAT WAS NOT FOUND

PRIOR APPLICATION DATA APPLICATION NUMBER FILING DATE



SEQUENCE CORRECTION REPORT PATENT APPLICATION US/07/946,236 PAGE: 1

LINE ORIGINAL TEXT

CORRECTED TEXT

DATE: 09/26/92 TIME: 12:25:19